

## RFP 09-0130-04 – Community Shelter Engineering Study & Emergency Generator Survey

Questions 1-13 are relative to Section II, “Scope of Services,” page 3 of 38. There is no particular paragraph to be referenced for each question. Question 14 refers to Sections III and IV, pages 5-26 of 38.

	Question	Response
1.	Will GPS coordinates of each shelter be provided for use with flood plain maps?	The Department of Education (DOE) can provide a GEO layer of all current public schools to the successful contractor. No GEO location data is available for other facilities.  Attachments 2, 3, and 4, which must be completed for all facilities as part of the required deliverables, include line items for GPS coordinates.
2.	What will be the quality of the DEMA-provided floor plans? Will they include scaled drawings, sections, structural member sizes and electrical drawings?	Quality and completeness of plans will vary from facility to facility. The successful contractor should expect to receive basic floor plan “line drawings” with no architectural, structural, or systems detail.
3.	Will electrical drawings also include branch circuit designations?	Refer to response to Question 2.
4.	Are the buildings to be evaluated for blast, tornado and excessive heat or cold?	The RFP scope (page 3, paragraph 1) states, “ <i>The successful contractor will consider the viability of each shelter for multi-hazard use and <u>determine if the space will be suitable for all hazards</u> and, if not, for which hazards the space would be suitable;</i> ” and additional guidance (page 3, paragraph 3) states, “ <i>Contractor will, at a minimum, address flooding, wind, and snow/ice load when evaluating facilities. For hurricanes, the contractor will evaluate and document suitability of use based on Category one (1), two (2), three (3), and four (4) hurricanes. The evaluation must assess and document facility vulnerabilities related to roof spans, large window areas, exterior lay-down, roll-over and fenestration hazards, grade separations, and other potential hazards.</i> ”

5.	What is the intent of the shelter survey: to evaluate as an event shelter or as a post-event shelter, especially regarding high winds and flooding potential? To what extent do you want the consultant to evaluate building survival capabilities?	The intent is to evaluate shelter space for potential use as an event shelter and also as a post-event shelter. The Matrix of Hazard Suitability deliverable should identify facilities by hazards, indicating whether the facilities would be suitable both as event and as post-event shelters for particular hazards. Additionally, for hurricanes, the facilities should be evaluated for suitability as event shelters for Category 1, Category 2, Category 3, and Category 4 storms (Saffir-Simpson scale).
6.	<p>a) Does the consultant need to evaluate the shelters for any “special needs populations” other than ADA compliance?</p> <p>b) Will identification of outlets for lifesaving needs be required?</p> <p>c) Will an evaluation of sound attenuation (to reduce noise during a storm event) be required?</p>	<p>a) The intended shelter population includes:</p> <ul style="list-style-type: none"> <li>• General population</li> <li>• People with non-acute medical needs</li> <li>• Children</li> <li>• Companion animals</li> </ul> <p>b) Yes. The contractor will be required to determine outlets for lifesaving power needs and the capacity of the electrical system.</p> <p>c) No.</p>
7.	<p>a) How do we address the capacity of masonry structures that have no drawings?</p> <p>b) Selective demolition will be required to ascertain if walls are partially or fully reinforced; should this be included as part of the scope work?</p>	<p>a) Refer to response to Question 2. Proposals should include contractor’s suggested plan for addressing the capacity of masonry structures that have no drawings.</p> <p>Note: Should an identified public school facility not have basic floor plan, line drawings available, the DOE will coordinate the availability of same.</p> <p>b) Typical industry standards shall apply. Any proposed selective demolition will require the concurrence of the facility owner; the contractor will be responsible for repairing any damage due to selective demolition and restoring the facility to pre-assessment conditions.</p>
8.	<p>What is the intent of sealing the drawings:</p> <p>Will it only indicate an analysis has been done, or that the building is rated for X mph, or to withstand a particular Level Hurricane?</p>	<p>We are not asking the contractor to sign and seal the analysis of the facilities’ capabilities to withstand the various hazards.</p> <p>Facilities will be evaluated for event use according to the Saffir-Simpson scale, specifically, “<i>the contractor will evaluate and document suitability of use based on Category one (1), two (2), three (3), and four (4) hurricanes.</i>”</p>

	Will calculations be required for the whole building, or only that part that will serve as a shelter?	The whole facility; as part of the deliverable, the contractor should identify areas within the facility that would be unsuitable for use during specific hazards.
9.	Will the shelter area(s) of the building be designated by DEMA or will the consultant be asked to provide input?	<p>The contractor will be asked to provide input, however, in general, the following areas of the schools have been identified for shelter use:</p> <ul style="list-style-type: none"> <li>• The kitchen and cafeteria and corridors between the shelter areas and the cafeteria – for feeding</li> <li>• The main gymnasium – for general population sheltering</li> <li>• The auxiliary gymnasium (if present) – for sheltering of people with non-acute medical needs</li> <li>• Multiple classrooms near the nurses office or wellness center, library, and rest rooms, (or in pre-established childcare areas of the school, if present), and laundry facilities (if present) – for sheltering children who become separated from parents or guardians during disaster</li> <li>• Guidance counselor offices (or other suitable private interview space that is separate from the childcare areas) – for interviewing adults claiming unattended children and for family reunification</li> <li>• Shop areas, art rooms, gymnasiums, or wide corridors – for sheltering companion animals (to include separate space for dogs; cats; and birds/pocket pets/exotics)</li> <li>• Large lobby areas (generally the gym lobby) for intake function</li> <li>• Nurse’s Office or wellness center – for basic medical triage and shelter support</li> <li>• Restrooms and shower areas – to support all human populations</li> <li>• Auditorium and corridors between the shelter areas and the auditorium – for meetings or entertainment</li> </ul> <p>Some of the facilities will have limited use (such as animal sheltering only or post-event sheltering for localized events); one of the facilities is land that would potentially be used only for a “tent city” shelter-of-last-resort during a catastrophic incident.</p>

10.	Will the consultant be asked to assist/write requests for grants for mitigation? How will DEMA use the final report?	No.  Contract deliverables will provide information to be loaded into the National Shelter System database; to provide generator requirements to the Army Corps of Engineers for planning purposes; and to assist county and state emergency managers in selecting facilities to be used as shelters during emergencies.
11.	Will the report be used as a screening tool for the various buildings to be evaluated?  Should we only provide sealed calculations after the initial building screening is completed?	Yes. The reports will be used to assist county and state emergency managers in appropriately selecting shelter facilities for use during specific hazard emergencies.  We are not asking the contractor to sign and seal the analysis of the facilities' capabilities to withstand the various hazards.
12.	What is the budget for the study?	Unknown at this time.
13.	Is the study State or federally funded?	Yes.
14.	Upon reviewing the RFP for the subject contract, our legal person suggested making some changes to several of the items under General Contract Terms. These changes are probably specific to our Company. Should we submit these changes by September 22 as requests for clarification of RFP? Or wait until we are selected as the vendor to do the work?	Any proposed changes to the RFP language must be listed as Exceptions and submitted as a part of the proposal.